

What is claimed is:

1 1. An apparatus, comprising  
2 a device adapted to:  
3 perform a transmission over a wireless channel;  
4 monitor the wireless channel, subsequent to completion of the transmission,  
5 to determine if another device is transmitting over the wireless channel; and  
6 begin a timeout period responsive to determining said another device is not  
7 transmitting over the wireless channel.

1 2. The apparatus of claim 1, wherein the device is further adapted to not begin the  
2 timeout period responsive to determining said another device is transmitting over the  
3 wireless channel.

1 3. The apparatus of claim 1, wherein the device is further adapted to monitor for an  
2 acknowledgement to the completed transmission during the timeout period.

1 4. The apparatus of claim 3, wherein the device is further adapted to cancel the  
2 timeout period responsive to receiving the acknowledgement prior to an end of the timeout  
3 period.

1 5. The apparatus of claim 3, wherein the device is further adapted to retransmit the  
2 transmission responsive to not receiving the acknowledgement prior to the end of the  
3 timeout period.

1 6. The apparatus of claim 1, wherein said monitoring comprises monitoring for a  
2 carrier wave.

1 7. The apparatus of claim 1, wherein said monitoring comprises monitoring for  
2 transmission of data.

1 8. A system, comprising:  
2 an omnidirectional antenna;  
3 a device coupled to the omnidirectional antenna and adapted to  
4 perform a transmission from the omnidirectional antenna to a base station  
5 over a wireless channel;  
6 monitor the wireless channel, subsequent to completion of the transmission,  
7 for a clear channel condition; and  
8 begin a timeout period responsive to determining a presence of a clear  
9 channel condition.

1 9. The system of claim 8, wherein the device is further adapted to not begin the  
2 timeout period responsive to determining an absence of the clear channel condition.

1 10. The system of claim 8, wherein the device is further adapted to cancel the timeout  
2 period responsive to receiving an acknowledgement prior to an end of the timeout period.

1 11. The system of claim 10, wherein the device is further adapted to begin an error  
2 process responsive to not receiving the acknowledgement prior to the end of the timeout  
3 period.

1 12. The system of claim 11, wherein the error process comprises preparing to  
2 retransmit the transmission over the wireless channel.

1 13. The system of claim 8, wherein said monitoring comprises monitoring for a carrier  
2 wave.

1 14. A method, comprising:  
2 transmitting a data transmission over a wireless communications channel;  
3 monitoring the wireless communications channel, subsequent to said transmitting,  
4 until a clear channel condition is detected;  
5 beginning a timeout period subsequent to said detecting a clear channel condition;  
6 and  
7 determining if an acknowledgement to said data transmission is received during the  
8 timeout period.

1 15. The method of claim 14, further comprising aborting said timeout period  
2 responsive to receiving the acknowledgement during the timeout period.

1 16. The method of claim 14, further comprising beginning an error process responsive  
2 to not receiving the acknowledgement prior to an expiration of the timeout period.

1 17. A machine-readable medium that provides instructions, which when executed by a  
2 processing platform, cause said processing platform to perform operations comprising:  
3 placing data into at least one transmit queue to perform a data transmission over a  
4 wireless communications channel;  
5 monitoring the wireless communications channel subsequent to said performing;  
6 beginning a timeout period responsive to said monitoring determining that said  
7 wireless communications channel is not busy; and  
8 reading data from a receive queue to determine if an acknowledgement to said data  
9 transmission is received during the timeout period.

1 18. The medium of claim 17, wherein said operations further comprise aborting said  
2 timeout period responsive to said receiving the acknowledgement prior to an expiration of  
3 the timeout period.

1 19. The medium of claim 17, wherein said operations further comprise  
2 beginning an error process responsive to not receiving the acknowledgement prior to an  
3 expiration of the timeout period. .

1 20. The medium of claim 17, said monitoring comprises monitoring for a clear channel  
2 condition.